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## WHAT IS CLAIMED IS:

1. A method for preparing a copolymer of a first polymer which is a polyethersulfone, polyetherketone, or polyetherimide and a second condensation polymer characterized by structural units containing an oxycarbonyl group, which comprises contacting, under reactive conditions, at least one salt of a dihydroxyaromatic compound with at least one substituted aromatic compound of the formula

## (I) $Z(A^1-X^1)_2$ ,

wherein Z is an activating radical,  $A^1$  is an aromatic radical and  $X^1$  is fluoro, chloro, bromo or nitro, in the presence of said second polymer.

- 2. The method according to claim 1 wherein the second polymer is present in the amount of about 2-50 mole percent of structural units therein based on substituted aromatic compound.
- 3. The method according to claim 2 wherein the molar ratio of said salt to said substituted aromatic compound is 0.98-1.02:1.
- 4. The method according to claim 3 wherein the molar ratio of said salt to said substituted aromatic compound is 1:1.
- 5. The method according to claim 2 wherein the contact temperature is in the range of about 125-300°C.
- 20 6. The method according to claim 1 wherein the second polymer is a polyarylate.
  - 7. The method according to claim 6 wherein the polyarylate is a bisphenol A, resorcinol or hydroquinone iso/terephthalate.
- 8. The method according to claim 2 wherein the dihydroxyaromatic compound salt is a sodium or potassium salt.

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- 9. The method according to claim 2 wherein the second polymer is a polycarbonate.
- 10. The method according to claim 9 wherein the dihydroxyaromatic compound has the formula

wherein A<sup>2</sup> is a divalent aromatic hydrocarbon radical.

11. The method according to claim 10 wherein A<sup>2</sup> has the formula

(III) 
$$-A^3-Y-A^4-$$
,

wherein each of  $A^3$  and  $A^4$  is a monocyclic divalent aromatic hydrocarbon radical and Y is a single bond or a bridging radical in which one or two atoms separate  $A^3$  from  $A^4$ .

- 12. The method according to claim 11 wherein Y is isopropylidene and  $A^3$  and  $A^4$  are each p-phenylene.
- 13. The method according to claim 9 wherein  $-A^1$ -Z- $A^1$  is a bisimide radical of the formula

$$(IV) \qquad \qquad \bigvee_{N-R^1-N} \bigcap_{N-R^1-N} \bigcap_{N-R^$$

or

wherein  $R^1$  is a  $C_{6-30}$  divalent aromatic hydrocarbon or halogenated hydrocarbon radical, a  $C_{2-20}$  alkylene or cycloalkylene radical, a  $C_{2-8}$  bis(alkylene-terminated) polydiorganosiloxane radical or a divalent radical of the formula

5 in which n is an interger from 1 to 3 inclusive and Q is

or a covalent bond.

- 14. The method according to claim 2 wherein the substituted aromatic compound is a bis(haloaryl) ketone.
- 15. The method according to claim 2 wherein the substituted aromatic compound is a bis(haloaryl) sulfone.
  - 16. The method according to claim 15 wherein the bis(haloaryl) sulfone is bis(4-chlorophenyl) sulfone.
    - 17. The method according to claim 2 wherein a solvent is present.
- 15 18. The method according to claim 17 wherein the solvent is a dipolar aprotic solvent.

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- 19. The method according to claim 17 wherein the solvent is a water-immiscible aromatic compound.
- 20. The method according to claim 19 wherein the solvent is o-dichlorobenzene or anisole or a mixture thereof.
- 21. The method according to claim 19 wherein a phase transfer catalyst is also present.
- 22. The method according to claim 21 wherein the phase transfer catalyst is a hexaalkylguanidinium halide.
- 23. The method according to claim 21 wherein the contact temperature is in the range of about 125-250°C.
- 24. A method for preparing a copolyethersulfonecarbonate which comprises contacting, under reactive conditions, at least one alkali metal salt of bisphenol A with bis(4-chlorophenyl) sulfone in solution in o-dichlorobenzene or anisole, in the presence of a polycarbonate and about 1-10 mole percent, based on said bis(4-chlorophenyl) sulfone, of a hexaalkylguanidinium halide as phase transfer catalyst and at a temperature in the range of about 125-250°C.
- 25. A method for preparing at least one hydroxy-terminated oligomer of a polyether polymer which comprises:
- preparing a copolymer of a first polymer which is a polyethersulfone, polyetherketone, or polyetherimide and a second condensation polymer characterized by structural units containing an oxycarbonyl group, by contacting, under reactive conditions, at least one salt of a dihydroxyaromatic compound with at least one substituted aromatic compound of the formula

(I) 
$$Z(A^1-X^1)_2$$
,

wherein Z is an activating radical,  $A^1$  is an aromatic radical and  $X^1$  is fluoro, chloro, bromo or nitro, in the presence of said second polymer; and

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contacting said copolymer with aqueous alkali under reactive conditions, thus hydrolyzing carbonate and ester units.

- 26. The method according to claim 25 wherein the dihydroxyaromatic compound salt is a sodium or potassium salt.
- 27. The method according to claim 25 wherein the second polymer is a polyester.
- 28. The method according to claim 25 wherein the second polymer is a polycarbonate.
- 29. The method according to claim 28 wherein the polycarbonate is a bisphenol A polycarbonate.
- 30. The method according to claim 29 wherein the substituted aromatic compound is a bis(haloaryl) sulfone.
- 31. The method according to claim 25 wherein a water-immiscible aromatic compound is present as solvent.
- 32. The method according to claim 31 wherein the solvent is o-dichlorobenzene or anisole or a mixture thereof.
- 33. The method according to claim 31 wherein a phase transfer catalyst is also present.
- 34. The method according to claim 33 wherein the phase transfer catalyst is a hexaalkylguanidinium halide.
  - 35. The method according to claim 33 wherein the contact temperature in the copolymer preparation step is in the range of about 125-250°C.
  - 36. A method for preparing at least one hydroxy-terminated oligomer of a polyethersulfone which comprises:

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preparing a copolymer of a polyethersulfone and a polycarbonate by contacting, under reactive conditions, at least one alkali metal salt of bisphenol A with bis(4-chlorophenyl) sulfone in the presence of said polycarbonate in solution in odichlorobenzene or anisole, further in the presence of about 1-10 mole percent, based on said bis(4-chlorophenyl) sulfone, of a hexaalkylguanidinium halide as phase transfer catalyst and at a temperature in the range of about 125-250°C; and

contacting said copolymer with aqueous sodium hydroxide or potassium hydroxide under reactive conditions, thus hydrolyzing carbonate units.